CARNEGIE MELLON UNIVERSITY
MASTER OF SOFTWARE ENGINEERING

The Master of Software Engineering (MSE) program at Carnegie Mellon is offered by the School of Computer Science (SCS) and the Software Engineering Institute (SEI) and provides a unique environment for mastering the discipline of software engineering.

Who Should Attend
To enter the CMU MSE program you must have:

- Two years experience working in a significant software development project

- Knowledge, at least at the level of an undergraduate course, of discrete mathematics, algorithms and data structures, and programming languages

- Skills in programming-in-the-small as well as competence in using an imperative block-structured language such as Pascal, Modula2, Ada, or C

- Practical knowledge of programming methods and computer organization

- In-depth knowledge of at least two of the following topics:
    ° compiling techniques
    ° comparative programming languages
    ° operating systems
    ° database systems

Program Highlights
- The education of future agents of change---leaders in industrial software engineering practice, chief engineers, head designers, and principal technical officers of their companies.
- The development of skills in the fundamentals of software engineering, with an emphasis on design, analysis and management of large-scale software systems.
- The integration of core courses, studio projects, and specialization tracks that build on each other, providing multiple points of reference and the reinforcement of fundamental ideas.
- An innovative environment that brings together faculty experts in research and technology with industry leaders.
- The opportunity for students to apply software engineering practices learned in the core curriculum to real-world situations.

***Offerings:** 16 month program: 12 month accelerated, 4 month off-site

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Program Dates: August 30, 2004 – December 10, 2005; Final Exams December 27
Cost: $42,300 (3 semesters) – 2004; $56,400 (4 semesters) – 2004 est. (Includes tuition only. Additional Fees: Application: $65; Activity/bus – 110 per semester (excluding summer semester); Books - $865; Mandatory Insurance without proof of insurance - $1,000, negotiated every year with private company.).
Tuition is subject to annual increase.
Application Deadline: January 31, 2004